Electronic Version
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Claims

[c1] 1. An electronic display assembly for viewing by a person in a resting position, comprising,

(a) a first arm rotatable about a swivel axis,

(b) a second arm coupled to said first arm, said second arm pivotable about a pivot axis orthogonal to said swivel axis, and

(c) an electronic display coupled to said second arm and adjustably positionable both,

(i) about said swivel axis by rotation of said first arm, and

(ii) about said pivot axis by pivoting of said second arm.

[c2] 2. The electronic display assembly of claim 1, further comprising an apparatus for receiving a person in a resting position, wherein said electronic display is suspended above said apparatus.

[c3] 3. The electronic display assembly of claim 2, wherein said apparatus is a medical support apparatus for a patient.

[c4] 4. The electronic display assembly of claim 3, wherein

said apparatus is a dental chair.

[c5] 5. The electronic display assembly of claim 3, wherein said apparatus is an operating table.

[c6] 6. The electronic display assembly of claim 2, wherein said apparatus comprises a bed.

[c7] 7. The electronic display assembly of claim 2, wherein said apparatus comprises a chair.

[c8] 8. The electronic display assembly of claim 2, wherein said apparatus comprises a recliner.

[c9] 9. The electronic display assembly of claim 1, wherein said electronic display is adjustably positionable about said swivel axis independent of its positioning about said pivot axis.

[c10] 10. The electronic display assembly of claim 1, wherein said electronic display is adjustably positionable about said pivot axis independent of its positioning about said swivel axis.

[c11] 11. The electronic display assembly of claim 1, wherein said first arm includes first and second distal ends, said first distal end being disposed adjacent said second arm, and wherein said swivel axis passes through said first distal end of said first arm.

[c12] 12. The electronic display assembly of claim 11, further comprising a second swivel axis about which said second arm is rotatable, said second swivel axis passing through said second distal of said first arm.

[c13] 13. The electronic display of claim 12, wherein said second swivel axis is parallel to said first swivel axis.

[c14] 14. The electronic display assembly of claim 1, wherein said first arm includes first and second distal ends, said first distal end being disposed adjacent said second arm, and wherein said swivel axis passes through said second distal end of said first arm.

[c15] 15. The electronic display assembly of claim 1, wherein said second arm includes first and second distal ends, said first distal end being disposed adjacent said first arm and said second distal end being disposed adjacent said electronic display, and wherein said pivot axis passes through said first distal end of said second arm.

[c16] 16. The electronic display assembly of claim 15, further comprising a second pivot axis orthogonal to said swivel axis, said electronic display being adjustably positionable about said second pivot axis.

[c17] 17. The electronic display assembly of claim 1, wherein

said second arm includes first and second distal ends, said first distal end being disposed adjacent said first arm and said second distal end being disposed adjacent said electronic display, and wherein said pivot axis passes through said second distal end of said second arm.

[c18] 18. The electronic display assembly of claim 1, wherein a portion of said electronic display is rotatable about a second swivel axis for adjustable positioning of said portion of said electronic display independent of both said first and second arms.

[c19] 19. The electronic display assembly of claim 1, wherein a first portion of said electronic display is rotatable about a second pivot axis for adjustable positioning of said first portion of said electronic display independent of both said first and second arms.

[c20] 20. The electronic display assembly of claim 19, wherein said first portion of said electronic display is rotatable about a third pivot axis for adjustable positioning of said first portion of said electronic display independent of both said first and second arms, whereby a distance between said first portion of said electronic display and said second arm is variable.

[c21] 21. The electronic display assembly of claim 19, wherein a second portion of said electronic display is rotatable about a second swivel axis for adjustable positioning of said second portion independent of both said first and second arms, said second portion including said first portion.

[c22] 22. The electronic display assembly of claim 1, wherein said first arm is mounted to a ceiling.

[c23] 23. The electronic display assembly of claim 1, wherein said first arm is mounted to a wall.

[c24] 24. A method for providing healthcare service to a patient, comprising utilizing said electronic display assembly of claim 1 to present video media to the patient in a resting position while the patient is receiving healthcare service.

[c25] 25. A method for providing dental care service to a patient, comprising utilizing said electronic display assembly of claim 1 to present video media to the patient in a resting position while the patient is receiving dental healthcare.

[c26] 26. An electronic display assembly for viewing by a person in a resting position, comprising,

(a) a carriage movable along a translation axis,

(b) a swivel arm coupled to said carriage, said swivel arm rotatable about a swivel axis,

(c) a pivot arm coupled to said swivel arm, said pivot arm pivotable about a pivot axis, and

(d) an electronic display coupled to said pivot arm and adjustably positionable,

(i) along said translation axis by movement of said carriage,

(ii) about said swivel axis by movement of said swivel arm, and

(iii) about said pivot axis by movement of said pivot arm,

(e) wherein,

(i) said swivel axis remains orthogonal to said translation axis throughout adjustable positioning of said electronic display, and

(ii) said pivot axis remains non-orthogonal to said translation axis through a range of adjustable positioning of said electronic display.

[c27] 27 A method for providing healthcare service to a patient, comprising utilizing said electronic display assembly of claim 26 to present video media to the patient in a resting position while the patient is receiving healthcare service.

[c28] 28. A method for providing dental care service to a patient, comprising utilizing said electronic display assembly of claim 26 to present video media to the patient in a resting position while the patient is receiving dental care service.

[c29] 29. A variably adjustable electronic display assembly for viewing by a person in a resting position, comprising,

(a) a carriage movable along a translation axis,

(b) a swivel arm coupled to said carriage,

(c) a pivot arm coupled to said swivel arm, and

(d) an electronic display coupled to said pivot arm,

(e) wherein,

(i) said swivel arm is rotatable about a first swivel axis, whereby said swivel arm, said pivot arm, and said electronic display together are adjustably positionable about said first swivel axis,

(ii) said swivel arm is rotatable about a second swivel axis, whereby said pivot arm and said electronic display together are adjustably positionable about said second swivel axis independent of said adjustable positioning of said swivel arm,

(iii) said pivot arm is pivotable about a first pivot axis and a second pivot axis, whereby said pivot

arm and said electronic display together are adjustably positionable about said first pivot axis and second pivot axis independent of said adjustable positioning of said swivel arm, and

(iv) said electronic display is,

(A) pivotable about a third pivot axis, whereby said electronic display is adjustably positionable about said third pivot axis independent of said adjustable positionings of said pivot arm, and

(B) rotatable about a third swivel axis, whereby said electronic display is adjustably positionable about said third swivel axis independent of said adjustable positionings of said pivot arm.

[c30] 30. The electronic display assembly of claim 29, wherein said first swivel axis, said second swivel axis, and said third swivel axis remain parallel to each other throughout all said adjustable positionings.

[c31] 31. The electronic display assembly of claim 29, wherein said first swivel axis, said second swivel axis, and said third swivel axis remain orthogonal to said translation axis throughout all said adjustable positionings.

[c32] 32. The electronic display assembly of claim 29, wherein each of said first pivot axis, said second pivot axis, and

said third pivot axis remain orthogonal to each of said first swivel axis, said second swivel axis, and said third swivel axis throughout all said adjustable positionings.

[c33] 33. The electronic display assembly of claim 29, wherein said electronic display is pivotable about a fourth pivot axis, whereby said electronic display is further adjustably pivotable about said fourth pivot axis such that a distance between said electronic display and said pivot arm is variable.

[c34] 34. A method for providing healthcare service to a patient, comprising utilizing said electronic display assembly of claim 29 to present video media to the patient in a resting position while the patient is receiving healthcare service.

[c35] 35. A method for providing dental care service to a patient, comprising utilizing said electronic display assembly of claim 29 to present video media to the patient in a resting position while the patient is receiving dental care service.

[c36] 36. An arrangement for variably supporting a display, the system comprising,

(a) an overhead track,

(b) a carriage coupled to said overhead track such

that the carriage can be variably positioned along said overhead track,

(c) a first arm coupled to and suspended from said carriage such that said first arm can be variably swiveled about the coupling to said carriage,

(d) a second arm coupled to said first arm such that said second arm can be variably pivoted and swiveled about the coupling to said first arm, and

(e) a display coupled to said second arm and suspended from said carriage such that said display can be variably pivoted and swiveled about the coupling to said second arm.

[c37] 37. The arrangement of claim 36, further comprising:

(a) a first swivel coupling the first arm to the carriage,

(b) a second swivel coupling the second arm to the first arm, and

(c) a third swivel coupling the display to the second arm.

[c38] 38. The arrangement of claim 36, the second arm comprising a pair of parallel elongate members each coupled to the first arm and coupled to the display.